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RAW SEQUENCE LISTING
PATENT APPLICATION US/09/025,635DATE: 03/06/98
TIME: 11:32:07

INPUT SET: S2851.raw

This Raw Listing contains the General
Information Section and up to the first 5 pages

#3
JUN 2 1998
ENTERED

SEQUENCE LISTING

(1) General Information:

(i) APPLICANT: Pang, Sheng-Zhi
Gonsalves, Dennis
Jan, Fuh-Jyh(ii) TITLE OF INVENTION: DNA CONSTRUCT TO CONFER MULTIPLE TRAITS
ON PLANTS

(iii) NUMBER OF SEQUENCES: 18

(iv) CORRESPONDENCE ADDRESS:

(A) ADDRESSEE: Nixon, Hargrave, Devans & Doyle LLP
(B) STREET: Clinton Square, P.O. Box 1051
(C) CITY: Rochester
(D) STATE: New York
(E) COUNTRY: U.S.A.
(F) ZIP: 14603

(v) COMPUTER READABLE FORM:

(A) MEDIUM TYPE: Floppy disk
(B) COMPUTER: IBM PC compatible
(C) OPERATING SYSTEM: PC-DOS/MS-DOS
(D) SOFTWARE: PatentIn Release #1.0, Version #1.30

(vi) CURRENT APPLICATION DATA:

(A) APPLICATION NUMBER:
(B) FILING DATE:
(C) CLASSIFICATION:

(vii) PRIOR APPLICATION DATA:

(A) APPLICATION NUMBER: US 60/035,350
(B) FILING DATE: 19-FEB-1997

(viii) PRIOR APPLICATION DATA:

(A) APPLICATION NUMBER: US 60/062,870
(B) FILING DATE: 21-OCT-1997

(ix) ATTORNEY/AGENT INFORMATION:

(A) NAME: Goldman, Michael L.
(B) REGISTRATION NUMBER: 30,727
(C) REFERENCE/DOCKET NUMBER: 19603/1552

(x) TELECOMMUNICATION INFORMATION:

RAW SEQUENCE LISTING
PATENT APPLICATION US/09/025,635DATE: 03/06/98
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47 (A) TELEPHONE: (716) 263-1304
48 (B) TELEFAX: (716) 263-1600
49
50

(2) INFORMATION FOR SEQ ID NO:1:

- 51
52 (i) SEQUENCE CHARACTERISTICS:
53 (A) LENGTH: 45 base pairs
54 (B) TYPE: nucleic acid
55 (C) STRANDEDNESS: single
56 (D) TOPOLOGY: linear
57
58

59 (ii) MOLECULE TYPE: cDNA
60
61
62
63

(xi) SEQUENCE DESCRIPTION: SEQ ID NO:1:

64
65
66 AGCTAATCTA GAACCATGGA TGACTACTA AGGAAAGCAT TGTTGC
67

46

(2) INFORMATION FOR SEQ ID NO:2:

- 68
69 (i) SEQUENCE CHARACTERISTICS:
70 (A) LENGTH: 38 base pairs
71 (B) TYPE: nucleic acid
72 (C) STRANDEDNESS: single
73 (D) TOPOLOGY: linear
74
75

76 (ii) MOLECULE TYPE: cDNA
77
78
79
80

(xi) SEQUENCE DESCRIPTION: SEQ ID NO:2:

81
82
83 TACAGTTCTA GAACCATGGT CTGGAAAACC TTGACCAG
84

38

(2) INFORMATION FOR SEQ ID NO:3:

- 85
86 (i) SEQUENCE CHARACTERISTICS:
87 (A) LENGTH: 41 base pairs
88 (B) TYPE: nucleic acid
89 (C) STRANDEDNESS: single
90 (D) TOPOLOGY: linear
91
92

93 (ii) MOLECULE TYPE: cDNA
94
95
96
97

(xi) SEQUENCE DESCRIPTION: SEQ ID NO:3:

98
99

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100 TACAGTTCTA GAACCATGGT AAAGCGATTT TACTTTTGGT A 41
101
102 (2) INFORMATION FOR SEQ ID NO:4:
103
104 (i) SEQUENCE CHARACTERISTICS:
105 (A) LENGTH: 49 base pairs
106 (B) TYPE: nucleic acid
107 (C) STRANDEDNESS: single
108 (D) TOPOLOGY: linear
109
110 (ii) MOLECULE TYPE: cDNA
111
112
113
114
115 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:4:
116
117 AGATTCTCTA GACCATGGTG ACTTGATGAG CAAAGTCTGT GAGGCTTGC 49
118
119 (2) INFORMATION FOR SEQ ID NO:5:
120
121 (i) SEQUENCE CHARACTERISTICS:
122 (A) LENGTH: 38 base pairs
123 (B) TYPE: nucleic acid
124 (C) STRANDEDNESS: single
125 (D) TOPOLOGY: linear
126
127 (ii) MOLECULE TYPE: cDNA
128
129
130
131
132 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:5:
133
134 TACAGTTCTA GAACCATGGA AAATACAAGG ATCTCGGG 38
135
136 (2) INFORMATION FOR SEQ ID NO:6:
137
138 (i) SEQUENCE CHARACTERISTICS:
139 (A) LENGTH: 41 base pairs
140 (B) TYPE: nucleic acid
141 (C) STRANDEDNESS: single
142 (D) TOPOLOGY: linear
143
144 (ii) MOLECULE TYPE: cDNA
145
146
147
148
149 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:6:
150
151 TACAGTTCTA GAACCATGGT AGAAGGGGAA AGAGTATGCT G 41
152

RAW SEQUENCE LISTING
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153 (2) INFORMATION FOR SEQ ID NO:7:

154

155 (i) SEQUENCE CHARACTERISTICS:

156 (A) LENGTH: 36 base pairs

157 (B) TYPE: nucleic acid

158 (C) STRANDEDNESS: single

159 (D) TOPOLOGY: linear

160

161 (ii) MOLECULE TYPE: cDNA

162

163

164

165

166 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:7:

167

168 AGCATTGGAT CCATGGTTAA CACACTAAGC AAGCAC

36

169

170 (2) INFORMATION FOR SEQ ID NO:8:

171

172 (i) SEQUENCE CHARACTERISTICS:

173 (A) LENGTH: 36 base pairs

174 (B) TYPE: nucleic acid

175 (C) STRANDEDNESS: single

176 (D) TOPOLOGY: linear

177

178 (ii) MOLECULE TYPE: cDNA

179

180

181

182

183 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:8:

184

185 TCTTGAGGAT CCATGGCTGA TCTTCATTCA TTTCAA

36

186

187 (2) INFORMATION FOR SEQ ID NO:9:

188

189 (i) SEQUENCE CHARACTERISTICS:

190 (A) LENGTH: 36 base pairs

191 (B) TYPE: nucleic acid

192 (C) STRANDEDNESS: single

193 (D) TOPOLOGY: linear

194

195 (ii) MOLECULE TYPE: cDNA

196

197

198

199

200 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:9:

201

202 TCTTGAGGAT CCATGGATCC TGATATATAG CCAAGA

36

203

204 (2) INFORMATION FOR SEQ ID NO:10:

205

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206 (i) SEQUENCE CHARACTERISTICS:
207 (A) LENGTH: 39 base pairs
208 (B) TYPE: nucleic acid
209 (C) STRANDEDNESS: single
210 (D) TOPOLOGY: linear
211
212 (ii) MOLECULE TYPE: cDNA
213
214
215
216
217 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:10:
218
219 TACAGTGGAT CCATGGTTAA GGTAATCCAT AGGCTTGAC 39
220
221 (2) INFORMATION FOR SEQ ID NO:11:
222
223 (i) SEQUENCE CHARACTERISTICS:
224 (A) LENGTH: 36 base pairs
225 (B) TYPE: nucleic acid
226 (C) STRANDEDNESS: single
227 (D) TOPOLOGY: linear
228
229 (ii) MOLECULE TYPE: cDNA
230
231
232
233
234 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:11:
235
236 TCTTGAGGAT CCATGGCTTA ATACCTTCA TTATGC 36
237
238 (2) INFORMATION FOR SEQ ID NO:12:
239
240 (i) SEQUENCE CHARACTERISTICS:
241 (A) LENGTH: 36 base pairs
242 (B) TYPE: nucleic acid
243 (C) STRANDEDNESS: single
244 (D) TOPOLOGY: linear
245
246 (ii) MOLECULE TYPE: cDNA
247
248
249
250
251 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:12:
252
253 TCTTGAGGAT CCATGGAAAA GTCTTGAAGT TGAATG 36
254
255 (2) INFORMATION FOR SEQ ID NO:13:
256
257 (i) SEQUENCE CHARACTERISTICS:
258 (A) LENGTH: 50 base pairs

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SEQUENCE VERIFICATION REPORT
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Original Text